Index to Volume XXXIII
January - December, 1929
TELEPHONE ENGINEER

A

Activities of the Manufacturers, 7-42.
Additional Automatic Facilities for Newark, Ohio, Network, 8-38.
Aerial Cable Construction, Ray Blain, 9-17.
Aerial Cable Construction Methods, Ray Blain, 11-23.
American Tel. & Tel. Co. to offer $225,000,000 Bonds to Public, 5-25.
Annual Convention of U. S. Independent Telephone Association to Be at Stevens Hotel, 7-30.
Associated Telephone Utilities Company Acquires Lark Holdings in Several States, 8-46.
A Striking Display by the Bright Star Battery Company, 11-42.
A Telephone Fried Factory, Ray Blain, 1-27.
A Tone Test Set for Improving Service, T. DeWitt Talmage, 4-32.

B

Bugs We Have Shot, Ray Blain, 2-46.
By-Products of Telephone Companies, F. V. Newman, 3-42.

C

Carrier Telephone System for Short Toll Circuits, H. S. Black, M. L. Almquist, and L. M. Ilgenfritz, 7-36.
Communication is an Element in National Progress, Ray Blain, 3-24.
Comparison of Telephone Conditions in the United States and Europe, Willion H. O'Brien, 1-32.
Conditions Good in Far East, Reports the International Tel. & Tel. Corp., 6-24.

D

Development of the Modern Ringing Equipment, F. J. Dommerque, 5-30.

E

Editorials, 1-15, 2-15, 3-15, 4-15, 5-15, 6-15, 7-15, 8-17, 9-15, 10-15, 11-15, 12-15.
Electrical Networks and Their Application to Telephony, F. J. Dommerque, 12-17.
European Countries Show Unusual Telephone Activities, 7-32.

F

Foreign Countries Linked by Telephone Service in New Chain, 1-22.

G

Grounding With Driven Electrodes, 12-25.

H

Home "Talkies" to Come in Five Years, Prediction, Lee De Forrest, 10-52

I

Important Development of Telephone Self-Cleaning Protector Block, R. G. Sands, 4-30.
Important Development in Telephone Acquisition by Ohio Group, R. F. DeVoe & Co., 2-38.
Inductive Interference, B. C. Burden, 1-17.
Indiana Registers Its Usual Good Attendance Instructive Program, Interesting Social Features, 6-42.

L

Leakage Measurements, W. C. White, 5-32.
Line and Desk, 1-34, 2-42, 3-34, 4-44, 5-34, 6-36, 7-31, 8-30, 9-23, 10-36, 11-34, 12-24.
Lincoln Tel. & Tel. Company Has Heavy Construction Program for 1929, 2-25.

M

Manufacturers and Jobbers, 8-46.
Means and Methods of Circuit Coupling, F. J. Dommerque, 8-32.
Meeting of Program Service Association Shows Material Progress Past Year, 2-24.
Minnesota Convention at St. Paul Draws Record Attendance in 1929, 2-44.
Multiple Channel Program Service, O. C. Levy, 11-29.

N

New Blue-Printing Machine Makes Finished Prints at 12 Ft. Per Minute, 8-42.
News of the Manufacturers, 5-48.
News of the Manufacturers, 6-48.
News of the Manufacturers, 9-42.
New Types of Buried Toll Cables, 11-32.
New York Telephone Company Has Largest Program in History, 1-42.
New York Telephone Conditions Very Satisfactory as Shown by Reports to the Annual Convention, 6-40.

O

Ohio Retains Its Supremacy in Both Attendance and Enthusiasm, 5-21.
Oklahoma Utilities Association Holds Convention With Large Attendance, 4-49.
On the Practicability of a Transatlantic Telephone Cable, F. J. Dommerque, 6-17.
Open Wire Pole Line Construction, Ray Blain, 4-36.
Open Wire Pole Line Construction, Ray Blain, 7-28.
Open Wire Pole Line Construction, Ray Blain, 10-29.

P

Phantom Circuits, B. C. Burden, 10-26.
Practical Suggestions for Plant Valuation, Charles W. McKay, 1-23, 2-28, 3-17, 4-24.
Possibilities of Program Service, R. S. Brewster, 5-23.
Program Service—Its Relation to Telephone Companies, Charles H. Bergman, 4-17.
Practical Suggestions for Plant Valuation, Charles W. McKay, 6-29.
Prevention and Corrective Maintenance, D. C. Hosfeld, 5-28.
Preventive and Corrective, D. C. Hosfeld, 6-31.

R

Remote Control Features Hopewell Installation, Roy Owens, 9-25.
Reduce Expenses—or Increase Income—Which? 6-48.

S

Submerged Cable Leakage, Chris D. Stewart, 5-38.
Stromberg-Carlson Expands Facilities, 5-46.
Service is Keynote of Texas Independent Telephone Convention, 4-34.
Stromberg and Its Employes, 11-36.
Summary of Annual Report of the A. T. & T. Co. for 1928, 3-46.
Successful Methods in Line Testing, Chris Stewart, 3-38.
South Dakota Holds Its Annual Convention at Sioux Falls, S. D., 2-48.
Some Interesting Facts Not Generally Known Regarding the Location of Cables Underground, Chris D. Stewart, 10-40.
Studying Telephone Methods, E. R. Collins, 2-21, 3-29, 4-20, 5-18, 6-21, 7-20, 8-24, 9-20, 10-18, 11-17, 12-20.

T

Technical Discussion of Typical Program Service System, by Frederic C. Young, 7-17.
Toll Line Maintenance, W. C. White, 3-36.

The Ansophone Handles Telephone Calls While You Are Away From Your Office, 5-33.
Transposition Schemes, B. C. Burden, 11-26.
The National Convention, 11-21.
Two Deserved Promotions in the Stromberg-Carlson Organization, 3-44.
The Analysis of the Talking Circuit, F. J. Dommerque, 3-19.
Telephone System Opens New Radio Station, E. R. Collins, 3-22.
Telephone Industry to Spend Billion Dollars, 5-17.
The Telephone an Important Factor in Any Community, 1-44.
Telephone Circuits From a General Aspect, F. J. Dommerque, 2-17.
Television in Color, H. W. Ives, 8-19.
Telephone Transmission, B. C. Burden, 8-21.
Tri-State Tel. & Tel. Company Sold to Theodore Gary & Company, 8-29.
Teletype—The Telephone Typewriter, A. S. Benjamin, 12-27.
Takes Ray Blain to Task, 12-34.
Telephone Relays and Transformers, 10-22.
Telephone Transmission, B. C. Burden, 9-28.
The Importance of Vocational Training, T. O. Brewer, 9-36.
"TU" Becomes "Decibel", R. V. L. Hartley, 1-40.

U

United States Independent Telephone Association Convention, 10-17.

W

World Still Marvels at Radio, W C. Dillon, 9-40.
With the Manufacturers, 12-44.
Who's Who in the Telephone Business, 1-31, 2-34, 1-4, 5-25, 6-44.
$10,000,000 Phone Company Plan Revealed, 12-40.

Get EVER-PROTECT aid in your construction.

EVER-PROTECT has proved practical and profitable in making many hundreds of cable installations underground without a conduit. It protects cable against storm damage, corrosion, chemical action, electrolysis and abrasion.
In liquid form EVER-PROTECT is great for overhead work, protecting your cable and messengers against chemical action and other destructive influences.
Ask your nearest jobber for complete details.

National Cable Compound Co.
Incorporated
MITCHELL - - IND.

VICTOR TELEPHONE CELLS

The standard cell of the independent telephone industry. Uniform in quality. Dependable in service.

The Carbon Products Co.
LANCASTER, OHIO
11 South La Salle Street, Chicago

Crapo Galvanized Products

Telephone and Telegraph Wire

Steel Strand

A sleet storm.... Miles of line down.... Wire stocks inadequate .... Rush shipments imperative.... Then look to Jobbers of Crapo Galvanized Wire and Strand .... You can depend upon them in every emergency.... and they, in turn, can depend upon us.... for they know from experience that RUSH orders received by us in the morning are shipped before night....

Indiana Steel and Wire Company
Muncie, Indiana. U.S.A.

1

rt-

one

C.

ess,

Re-

e

.

ne
d-
ts
rs
d
on
d
on
ri-
by
ed